

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : _____							

Work Order ID 135703***135703***

Page 2

Monday, August 17, 2015 8:05:47 AM

Item ID: DSI 9342-013 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Gusset Repair, Quick Release
Start Date: 8/17/15 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 8/21/15 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00				1			
130							DAS 6		
Packaging	Memo	0.00					9-89		AUG 19 2015
Packaging	Identify and pack for shipping as per PPP DSI 9342-013 Location: <u>102</u> PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							AUG 19 2015
Quality Control									

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St

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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
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Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

Monday, August 17, 2015 8:05:52 AM

Page 1

Work Order ID: 135703

135703

Parent Item: DSI 9342-013

DSI 9342-013

Parent Item Name: Gusset Repair, Quick Release

Start Date: 8/17/15

Required Date: 8/21/15

Start Qty: 1.00

Required Qty: 1.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3929-041		Manufactured	No			110	Each	19.0000	2	2			

D3929-041

Gusset Assembly

DAS
6
9-89

Location

WA004

Loc Qty

19

Loc Code

128503

19

D3929-042

Manufactured No

110

Each

23.0000

2

2

D3929-042

Gusset Assembly

DAS
6
9-89

Location

WA004

Loc Qty

23

Loc Code

97529

8

98366

8

98367

7

BLRS-020

Purchased No

110

Each

14.0000

4

4

BLRS-020

Quick Release Pin (1/4" x 1.5")

DAS
6
9-89

Location

FG

Loc Qty

4

Loc Code

122168

4

ST550

9

m132935

9

ST551

1

m131692

1

AUG 17 2015

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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Ref

DAS
6
9-89

DART SERVICE INSTRUCTION

TO AMEND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607

REF. CANADIAN STC: SH94-14

REF. FAA STC: SR00213NY

REF. EASA STC: EASA.IM.R.S.01405

IN CASES WHERE THE D2325 GUSSETS HAVE SUSTAINED CONSIDERABLE DAMAGE, DSI 9342-011/-013 REPAIR KITS CAN BE PROCURED FROM DART TO REWORK EXISTING D350-607-041/-043 BASKET BASES ONLY. D350-607-045/-047 BASKET BASES CANNOT BE REWORKED TO THIS PROCEDURE. REPLACE THE D2325 GUSSETS BY T.I.G. WELDING AS FOLLOWS:

- 1) CLEAN AREA OF PAINT, ETC...
- 2) REMOVE EXISTING D2325 GUSSET(S) AS SHOWN IN FIGURE 1.
- 3) INSTALL REPLACEMENT D3929-041/-042 GUSSETS BY T.I.G. WELDING PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD AS SHOWN IN FIGURE 2.
- 4) TOUCH UP PAINT IN ACCORDANCE WITH ICA-D350-607 REV 0.
- 5) WHEN BASKET BASE IS REPAIRED, LONGER BOLTS OR QUICK RELEASE PINS ARE REQUIRED TO INSTALL THE BASKET ON AIRCRAFT. SUBSTITUTE EXISTING HARDWARE USING PARTS LISTED BELOW.
- 6) ADJUST WEIGHT AND BALANCE IN ACCORDANCE WITH THE TABLE ON SHEET 4.

PARTS LIST

QTY. -011	QTY. -013	PART NUMBER	DESCRIPTION
X		DSI 9342-011	GUSSET REPAIR KIT
	X	DSI 9342-013	GUSSET REPAIR KIT, QUICK RELEASE
2	2	D3929-041	GUSSET ASSY, LH
2	2	D3929-042	GUSSET ASSY, RH
4		AN4-15A	BOLT (REPLACES AN4-12A)
8		AN960JD416	WASHER
	4	BLRS-020	QUICK RELEASE PIN (REPLACES BLRS-010)
4		MS21042L4	NUT

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01 APPROVED BY: <i>[Signature]</i> D. SHEPHERD (DE # 02) DATE: 09.04.06 CERT. NO.: SH94-14 ISSUE NO.: 4
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B	CREATION OF DSI KITS TO PROVIDE REPLACEMENT PARTS AND REQD HARDWARE. SEE NCR#09-042.	MB	09.04.06
A	NEW ISSUE	PH	06.07.10
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>PH</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. DSI 9342 REV. B SHEET 1 OF 4 TITLE BASKET BASE WELD REPAIR SCALE NTS	
DRAWN	<i>B</i>		
CHECKED	<i>PH</i>		
MFG. APPR.	N/A		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	09.04.06	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	